

**WHAT IS CLAIMED IS:**

5    1.    A doorjamb end cap, comprising:

        a peripheral wall integrally formed with a bottom wall, said peripheral wall and said bottom wall defining a recess dimensioned to receive at least a portion of a doorjamb therein.

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2.    The doorjamb end cap of Claim 1, wherein said end cap is formed from a rot-resistant material, said rot-resistant material selected from the group consisting of polyvinyl-acetate (PVC), fiberglass, acrylics, acrylonitrile-  
15 butadiene-styrene (ABS), polycarbonate, polypropylene, rigid-polystyrene, polyethylene, polyolefin, and combinations thereof.

3.    The doorjamb end cap of Claim 1, wherein said end cap  
20 is air-resistant.

4.    The doorjamb end cap of Claim 1, wherein said end cap is moisture-resistant.

5. The doorjamb end cap of Claim 1, wherein said end cap is manufactured via an injection molding process.

6. The doorjamb end cap of Claim 1, wherein said end cap is manufactured via a thermoforming process, said thermoforming process selected from the group consisting of pressure assisted thermoforming, drape forming, press forming, vacuum forming, and high-definition thermoforming.

7. A method of protecting a doorjamb from rot-inducing air, moisture and foreign particulates, said method comprising the steps of:

a.) obtaining a doorjamb end cap comprising a peripheral wall integrally formed with a bottom wall, said peripheral wall and said bottom wall defining a recess dimensioned to receive at least a portion of the doorjamb therein; and,

b.) fitting the portion of the doorjamb with said end cap.

8. The method of Claim 7, further comprising the step of facilitating flush surface seating and engagement of said end cap over the portion of the doorjamb.

9. The method of Claim 8, further comprising the step of a'.) scaling down all surfaces of the portion of the doorjamb.

5 10. The method of Claim 9, wherein said step of scaling down all surfaces of the portion of the doorjamb includes scaling down the portion to a depth equivalent to the thickness of said peripheral wall of said end cap, and to a length equivalent to the length of said peripheral wall,  
10 thereby creating a lip around the doorjamb.

11. The method of Claim 10, further comprising the step of slidably engaging said end cap over the scaled-down portion of the doorjamb such that an upper peripheral edge of said  
15 peripheral wall abuts the lip of the doorjamb.

12. The method of Claim 11, further comprising the step of placing a foaming and sealing agent within a fractional gap disposed between an inner surface of said end cap and an  
20 outer surface of the portion of the doorjamb, thereby prohibiting the entry of rot-inducing air, moisture and/or foreign particulates therein.

**13.** The method of Claim **12**, further comprising the step of sealing a seam formed between said upper peripheral edge of said peripheral wall and the lip of the doorjamb.

5 **14.** The method of Claim **13**, wherein said step of sealing the seam includes applying a sealant thereover and selectively therebetween for creating an additional protective barrier.

10 **15.** The method of Claim **14**, further comprising the step of painting at least said end cap.

**16.** The method of Claim **7**, wherein the portion of the doorjamb is pre-manufactured to a select dimension to  
15 facilitate flush surface seating and engagement of said end cap thereover.

**17.** A method of protecting a base portion of door structure from rot-inducing air, moisture and foreign  
20 particulates, said method comprising the steps of:

a. obtaining an end cap comprising a peripheral wall integrally formed with a bottom wall, said peripheral wall

and said bottom wall defining a recess dimensioned to receive the portion of the door structure therein; and,

b. fitting the portion of the door structure with said end cap.

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**18.** The method of Claim **17**, wherein the door structure is selected from the group consisting of doorjamb, doorframes and doors.

10 **19.** The method of Claim **17**, further comprising the step of facilitating flush surface seating and engagement of said end cap over the portion of the door structure.

**20.** The method of Claim **19**, further comprising the step of  
15 scaling down all surfaces of the portion of the door structure.

**21.** The method of Claim **20**, wherein said step of scaling  
down all surfaces of the portion of the door structure  
20 includes scaling down the portion to a depth equivalent to the thickness of said peripheral wall of said end cap, and to a length equivalent to the length of said peripheral wall, thereby creating a lip around the door structure.

**22.** The method of Claim **21**, further comprising the step of slidably engaging said end cap over the scaled-down portion of the door structure such that an upper peripheral edge of said peripheral wall abuts the lip of the door structure.

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**23.** The method of Claim **22**, further comprising the step of placing a foaming and sealing agent within a fractional gap disposed between an inner surface of said end cap and an outer surface of the portion of the door structure, thereby  
10 prohibiting the entry of rot-inducing air, moisture and/or foreign particulates therein.

**24.** The method of Claim **23**, further comprising the step of sealing a seam formed between said upper peripheral edge of  
15 said peripheral wall and the lip of the door structure.

**25.** The method of Claim **24**, wherein said step of sealing the seam includes applying a sealant thereover and selectively therebetween for creating an additional air  
20 and/or moisture barrier.

**26.** The method of Claim **25**, further comprising the step of painting at least said end cap.

27. The method of Claim 17, wherein the portion of the door structure is pre-manufactured to a select dimension to facilitate flush surface seating and engagement of said end  
5 cap thereover.

28. An end cap for a door structure, said end cap comprising:

a peripheral wall integrally formed with a bottom  
10 wall, said peripheral wall and said bottom wall defining a recess dimensioned to receive at least a portion of the door structure therein.

29. The end cap of Claim 28, wherein the door structure is  
15 selected from the group consisting of doorjambs, doorframes and doors.

30. The end cap of Claim 28, wherein said end cap is formed from a rot-resistant material, said rot-resistant  
20 material selected from the group consisting of polyvinyl-acetate (PVC), fiberglass, acrylics, acrylonitrile-butadiene-styrene (ABS), polycarbonate, polypropylene,

rigid-polystyrene, polyethylene, polyolefin, and combinations thereof.

31. The end cap of Claim 28, wherein said end cap is air-  
5 resistant.

32. The end cap of Claim 28, wherein said end cap is moisture-resistant.

10 33. The end cap of Claim 28, wherein said end cap is manufactured via an injection molding process.

34. The doorjamb end cap of Claim 28, wherein said end cap is manufactured via a thermoforming process, said  
15 thermoforming process selected from the group consisting of pressure assisted thermoforming, drape forming, press forming, vacuum forming, and high-definition thermoforming.